PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0551-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

Signature

	npiete if Known
Application Number	10/681,346
Filing Date	October 9, 2003
First Named Inventor	Soo-doo CHAE, et al.
Art Unit	2818
Examiner Name	
Attorney Docket Number	249/286 DIV

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (f Innown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
101		<sup>US-</sup> 5,937,295	08-10-1999	CHEN, et al.			
W/		<sup>US-</sup> 6,060,743	05-09-2000	SUGIYAMA, et al.			
/		<sup>US-</sup> 6,208,000 B1	03-27-2001	TANAMOTO, et al.			
		US-					
		US-					
		US-					
		∪s- \					
		∪s- \					
		∪s-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		·US-					

		FOREIGN	PATENT DOCU	MENTS	
Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
TO 0.		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear T
Del		EP 0 843 360 A1	05-20-1998	NAKAZATO, et al	
		JP 9-36317 *	02-07-1997	TODA *	
		JP 2000-150862 * /**	05-30-2000	FUJITA	
$V_{i}$		*w/Eng.Abstract			
Va		**Previously cited			
		No. of the contract of the con			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gog">www.uspto.gog</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language. Translation is attached.

Date

Considered

04

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief. Information Officer, U.S. Patent and Trademark Office. U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND. TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003: OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complet if Known Substitute for form 1449/PTO **Application Number** 10/681,346 NFORMATION DISCLOSURE Filing Date October 9, 2003 ATEMENT BY APPLICANT **First Named Inventor** Soo-doo CHAE, et al. Art Unit 2818 (Use as many sheets as necessary) **Examiner Name Attorney Docket Number** 2 249/286 DIV

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
De		OHBA et al, "Non-Volatile Si Quantum Memory",IEDM (Cat. No. 00CH37138), IEDM 00-313-316 (12/2000)	

\*EXAMINER; initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.